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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**(only for new non-provisional applications under  
37 CFR 1.53(b))Attorney  
Docket No.

ORT-1461

First Named Inventor or Application Identifier

LUUKKONEN, Mattias

Express Mail  
Label No.

EK275419114US

**APPLICATION ELEMENTS**See MPEP Chapter 600 concerning  
utility patent application contents.**ADDRESS TO:**Assistant Commissioner for  
Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ **Fee Transmittal Form** (attached hereto in duplicate)
2. ☒ **Specification** [Total Pages: 83]  
(Preferred arrangement set forth below)
- Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ **Drawing(s)** (35 USC 113) [Total Sheets: 12]
4. **Oath or Declaration**
- a. ☐ Newly executed (original or copy)
- b. ☒ Unexecuted original
- c. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional check boxes 5 and 16)
- ☐ Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in  
the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ **Incorporation by Reference** (useable if Box 4c is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4c, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6. ☐ **Microfiche Computer Program** (Appendix)
7. **Nucleotide and/or Amino Acid Sequence Submission**  
(if applicable, all necessary)
- ☒ Computer Readable Copy
- ☒ Paper Copy [Total Pages: 2]  
(identical to computer copy)
- ☒ Statement verifying identity of above copies
- ACCOMPANYING APPLICATION PARTS**
8. ☐ **Assignment Papers** (cover sheet & document(s))
9. ☐ **37 CFR 3.73(b) Statement**  
(when there is an assignee)
- ☐ Power of Attorney
10. ☐ **English Translation Document** (if applicable)
11. ☐ **Information Disclosure Statement (IDS)/PTO-1449**  
☐ Copies of IDS Citations
12. ☐ **Preliminary Amendment**
13. ☒ **Return Receipt Postcard** (MPEP 503)  
(Should be specifically itemized)
14. ☐ **Certified Copy of Priority Document(s)**  
(if foreign priority is claimed)
15. ☒ **Other: Express Mail Certification**

16. ☐ If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:  
Amend the specification by inserting before the first line: This is a...

- ☐ Continuation  
☐ Divisional

☐ Continuation-in-Part (CIP) of prior application No.: , filed

17. For **DIVISIONAL APPLICATION**, please cancel original Claims of prior application before calculating filing fee

**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

OR

☒ Correspondence Address below

Name: Philip S. Johnson, Esq.

Address: Johnson &amp; Johnson

One Johnson &amp; Johnson Plaza

New Brunswick, New Jersey 08933-7003, U.S.A.

19. **TELEPHONE CONTACT:** Please direct all telephone calls or telefaxes to John W. Wallen, III at:

Telephone: (858) 784-3239

Fax: (732) 524-2808

**19. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

NAME

John W. Wallen, III, Esq.

Reg. No. 35,403

SIGNATURE

DATE

1 August 2001

<b>FEE TRANSMITTAL</b>	<i>Complete if Known</i>	
	Application Number	
	Filing Date	1 August 2001
	First Named Inventor	LUUKKONEN
	Group Art Unit	
	Examiner Name	
	Attorney Docket No.	ORT-1461

### FEE CALCULATION

#### CLAIMS AS FILED

(1)	(2)	(3)	(4)	(5)
FOR:	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE (\$710.00)
TOTAL CLAIMS	24 - 20 =	4	x 18.00	\$ 72.00
INDEPENDENT CLAIMS	14 - 3 =	11	x 80.00	\$880.00
MULTIPLE DEPENDENT CLAIMS	<input type="checkbox"/>	N/A	\$270.00	
			<b>TOTAL FEES</b>	<b>\$1662.00</b>

### METHOD OF PAYMENT

- ☒ Please charge Deposit Account No. 10-0750/ORT-1461/JWW in the amount of \$1662.00. Three copies of this sheet are enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 10-0750/ORT-1461/JWW. Three copies of this sheet are enclosed.

<b>SUBMITTED BY:</b>		<b>Complete (if applicable)</b>
Typed or Printed Name	John W. Wallen, III	Reg. No. 35,403
Signature	Date: 08/01/01	Deposit Account No. 10-0750

09921512-080101

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Mattias LUUKKONEN, Ashlee MOSES, Klaus FRUEH, Jay NELSON,  
Yolanda BELL, Michael HEINRICH and Kenneth SIMMEN

**For:** **GENE EXPRESSION PROFILE FOR KSHV INFECTION  
AND METHODS FOR TREATING SAME**

**Filed:** 1 August 2001

**Express Mail Certificate**

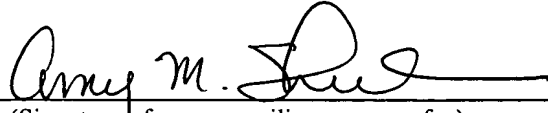
"Express Mail" mailing number: EK275419114US

Date of Deposit: 1 August 2001

I hereby certify that this complete application, including specification pages, claims, informal drawings, Declaration and Power of Attorney (unsigned), and Sequence Listing diskette, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Amy M. Sheridan

(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

09921513-080101  
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Serial No.: NOT ASSIGNED Art Unit:

Filed: 1 August 2001 Examiner: NOT ASSIGNED

For: **GENE EXPRESSION PROFILE FOR KSHV INFECTION AND  
METHODS FOR TREATING SAME**

Assistant Commissioner for Patents  
Washington, D.C. 20231

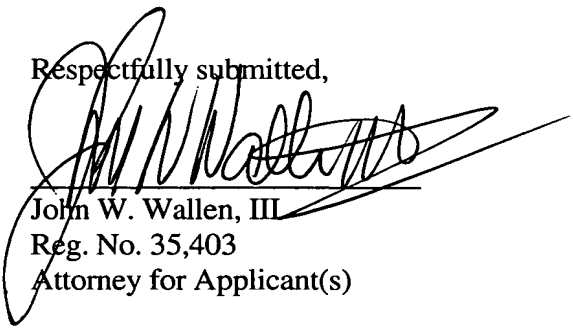
**REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE  
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Sir:

Submitted herewith is a computer readable form of the Sequence Listing with the appropriate statements that the computer readable and paper copies are the same.

The following statements are made as required by 37 C.F.R. 1.821(f): I hereby state that the information recorded in computer readable form of the Sequence Listing is identical to the written sequence listing.

Respectfully submitted,

  
John W. Wallen, III  
Reg. No. 35,403  
Attorney for Applicant(s)

Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, NJ 08933-7003  
(858) 784-3239  
DATED: 1 August 2001

09921512 "080101  
TOTAL 27266